01-30-01   A

EXPRESS MAIL CERTIFICATE
Date 1/29/01 Label No EL 7067199911US
I hereby certify that, on the date indicated above, this paper or fee was deposited with the U S Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents, Washington DC 20231 by "Express Mail Post Office to Addressee" service.

_____D B Pek_____   _____
Name (Print)   Signature

PLEASE CHARGE ANY DEFICIENCY UP TO $300.00 OR CREDIT ANY EXCESS IN FUTURE FEES DUE WITH RESPECT TO THIS APPLICATION TO OUR DEPOSIT ACCOUNT NO 04-0100

Docket No: 2504/1F934-US1

Box PATENT APPLICATION
Assistant Commissioner for Patents
Washington, DC   20231

07278
PATENT TRADEMARK OFFICE

Sir:

Enclosed please find an application for United States patent as identified below:

Inventor/s (name **ALL** inventors): Antoine J. ROUPHAEL, John E. HOFFMAN,

George R. NELSON, Jr., and James A. PROCTOR, Jr.

Title: METHOD FOR USING A NON-ORTHOGONAL PILOT SIGNAL WITH DATA CHANNEL INTERFERENCE CANCELLATION

including the items indicated:

1.   Specification and 24 claims: 5 indep.; 19 dep.; _ multiple dep.

2.   [] Executed declaration and power of attorney
      [X] Unexecuted declaration and power of attorney

3.   [] Formal drawings, _ sheets (Figs.)
      [X] Informal drawings, 7 sheets (Figs. 1-8B)

4.   [] Assignment for recording to:

5.   [X] Applicant Claims Small Entity Status

6.   [] Check in amount of $.00, ($ filing; $ recording)
      (See attached **Fee Computation Sheet**)

7.   [X] Request and Certification Under 32 U.S.C. 122(b)(2)(B)(i)

8.   [] Information Disclosure Statement

9.   [] Please amend the description by inserting the following paragraph after the line containing the title on page 1:

"This patent application claims the priority of U.S. provisional patent application No. 60/184,365, filed on February 23, 2000, which is incorporated herein by reference."

Priority is claimed for this application, corresponding application/s having been filed as follows:

Country:
Number:
Date:

The priority documents   [] are enclosed
                             [] will follow.

Date: January 29, 2001

Respectfully submitted,

Alphonso A. Collins
Reg. No. 43,559
Attorney for Applicant(s)

PATENT FEE COMPUTATION SHEET

	No. of Claims Pre-sented	Extra Claims Pre-viously Paid For	Number of Extra Claims	Rate	
Basic Fee					$
Design Application					$
Plant Application					$
Total Claims	24- 20	4	x $18.00		$
Independent Claims	5 - 3	2	x $80.00		$.00
Multiple Dependent Claims		- if so, add	$270.00		$.00

Surcharge for late submission of filing fee and/or declaration ($130.00) . . . .

SUBTOTAL . . . . $

[] Small Entity REDUCTION (Half of Subtotal) . . . . $

Fee for recordation of assignment ($40.00) . . . . $

Charge for filing non-English language application ($130.00) . . . . $

TOTAL . . . . $